

UTAH CTE SKILL CERTIFICATE PROGRAM

MACHINE TOOL: DRILL PRESS

STUDENT PERFORMANCE EVALUATION

TEST #580

Student Name: _____

The performance evaluation is a required component of the Skill Certification process. Each student **must be evaluated** on the required performance standards. Performance standards may be completed and **evaluated anytime during the course**.

- Students should be aware of their progress throughout the course, so that they can concentrate on the objectives that need improvement.
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a number 1 or 2 on the rating scale (moderately to highly competent level).
 - 1= highly competent Successfully demonstrated without supervision
 - 2= moderately competent Successfully demonstrated with limited supervision
 - 3= limited competence Demonstrated with close supervision
 - 4= not competent Demonstration requires direct instruction and supervision
- When a standard has been achieved at a minimum of 80% (moderately to highly competent level). "Y" (Y=YES) is recorded on the last line of that standard, on the performance evaluation sheet. If a student does not achieve a 1 or a 2 (moderately to highly competent level), then "N" (N=NO) is recorded on the last line of that standard.
- All performance standards **MUST** be completed and evaluated prior to the written test.
- The **teacher** will bubble in "A" on the answer sheet for item #81 for students who have achieved "Y" on **ALL** performance standards.
- The **teacher** will bubble in "B" on the answer sheet for item #81 for students who have **ONE or more** "N's" on the performance standards.
- The signed performance evaluation sheet(s) **MUST** be kept in the teachers' file for two years.
- A copy is also kept on file with the school's ATE Skill Certification testing coordinator for two years.

Students who achieve a 1 or a 2 (moderately to highly competent) on ALL performance standards and 80% on the written test will be issued an ATE Skill Certificate.

480503-01 Students will be able to understand safe practices and professional machine shop procedures.				
	1	2	3	4
<input type="checkbox"/>	Follow safety manuals and all safety regulations and requirements.			
<input type="checkbox"/>	Use protective equipment.			
<input type="checkbox"/>	Follow safe operating procedures for hand and power machine tools.			
<input type="checkbox"/>	Maintain a clean and safe work environment.			
<input type="checkbox"/>	Request a courtesy UOSHA or State Risk Management inspection at least every 2 years.			

480503-02 The student will be able to apply mathematical concepts.				
	1	2	3	4
<input type="checkbox"/>	Perform basic arithmetic functions - Add, subtract, multiply, and divide			
<input type="checkbox"/>	Convert fractions to decimal equivalents.			
<input type="checkbox"/>	Convert metric to inch measurements.			
<input type="checkbox"/>	Calculate speeds and feeds for machining.			
<input type="checkbox"/>	Locate basic machining points from a Datum Point.			
<input type="checkbox"/>	Calculate for direct, simple, and angular indexing.			

480503-03 The student will be able to interpret engineering drawings and control documents.				
	1	2	3	4
<input type="checkbox"/>	Review blueprint notes and dimensions.			
<input type="checkbox"/>	Identify basic layout of drawings.			
<input type="checkbox"/>	Identify basic types of drawings.			
<input type="checkbox"/>	List the purpose of each type of drawing.			
<input type="checkbox"/>	Verify drawing elements.			
<input type="checkbox"/>	Practice geometric dimensioning and tolerancing (GD&T) methodology.			

480503-04 The student will be able to recognize different manufacturing materials and processes.				
	1	2	3	4
<input type="checkbox"/>	Identify common materials and explain their desired properties.			

480503-05 The student will be able to properly perform measurement/inspection.				
	1	2	3	4
<input type="checkbox"/>	Select proper measurement tools as they best relate to part characteristics and specified accuracy.			
<input type="checkbox"/>	Apply proper measuring techniques.			
<input type="checkbox"/>	Accurately perform measurements with hand-held instruments.			
<input type="checkbox"/>	Accurately perform measurements on surface plate.			

480503-06 The student will be able to understand planning and hand tools.				
	1	2	3	4
<input type="checkbox"/>	Prepare and plan for machining operations.			
<input type="checkbox"/>	Demonstrate proper use of hand tools.			

480503-07 The student will be able to understand and demonstrate the use of drilling machines.				
	1	2	3	4
<input type="checkbox"/>	Demonstrate proper use of drilling machines.			

For each of the above standards and objectives there are sub-objectives with greater detail than can be provided on this sheet. Please access the state web site to download the state standards and the additional information.

**The instructor must retain a copy of this Student Performance
Evaluation for two years after the student has left the program.**

Instructor Signature: _____ Date: _____

Student Signature: _____ Date : _____

School: _____